

**REPORT ON BIO-MEDICAL WASTE MANAGEMENT FOR THE MONTH OF JULY, 2024**

| Sl. No. | Description   | Remarks   |
|---------|---|---|
| 1       | Contact Address and details of the Healthcare Facility  | LGB Regional Institute of Mental Health, Tezpur, Sonitpur, Assam,<br>Pin-784001, Tele No. 03712-232652, fax No.- 03712-233623   |
| 2       | No. of Beds   | 336 No.   |
|         | Details of :  |   |
| 3       | a) Authorisation under BMW Rules, 2016  | Applied for, Application no: 444804 dated,12/03/2021<br>Previous authorization No: WB/OTWA/BMW-448/18-19/01/170   |
|         | b) Consent under Water (Prevention and Control of Pollution) Act, 1974 and Air(Prevention and Control of Pollution) Act, 1981 | Authorization No: WB/TEZ/T-2189/22-23/14 dtd. 11/11/22  |
| 4       | Quantity of bio-medical waste generation (in Kg/day)  | 8.5 Kg  |
| 5       | Mode of disposal of bio-medical waste (through CBWTF or through captive treatment facility)                                   | Through captive treatment facility  |
| 6       | Name and address of the CBWTF through which waste is disposed off (as applicable)   | N/A   |
|         | In case, HCF is having captive treatment facility,  |   |
|         | a)Bio-medical waste treated (in Kg/day)   | 8.5 Kg  |
|         | b)Details of treatment equipment  | i) Incinerator<br>ii) Autoclave<br>iii) Shredder<br>iv) Needle Destroyer<br>v) ETP (Effluent Treatment Plant)   |
| 7       | c) Total nos. And capacity of each treatment equipment (in Kg/day)  | i) Incinerator- 1 No. Capacity: 10-12 Kg/hr<br>ii) Autoclave – 1 No. Capacity : 78 litres<br>iii) Shredder - 1 No. Capacity 50-100 kg<br>iv) Needle Destroyer – 12 Nos. —<br>v) ETP – 1 No Capacity: 4000 litre/day |

*Signature*  
03712-233623

**1) Incinerator**

| Sl. No. | Parameter                  | Result |
|---------|----------------------------|--------|
| i.      | SO <sub>2</sub> (ppm)      | 17.5   |
| ii.     | NO <sub>2</sub> (ppm)      | 37.5   |
| iii.    | HCl ( mg/Nm <sup>3</sup> ) | 29     |
| iv.     | CO (ppm)                   | 286    |
| v.      | CO <sub>2</sub> %          | 8.2    |

d) Operating parameters of the treatment equipment as per BMWWM Rules, 2016

**Temperature**  
 Primary Chamber 800° ± 50° C,  
 Secondary Chamber 1000° ± 50° C  
Height- 30 meters above from the ground  
Capacity- 10-12 Kg/hr

**2) Autoclave: (Gravity flow)**

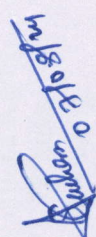
- i) Monitors steam processes with Geobacillus stearothermophilus spores.
- ii) Steam Indicator tape

- i) Yellow category : 64.736 kg/month
- ii) Red category : 144.251 kg/month
- iii) White category : 7.240 kg/month
- iv) Blue category : 32.893 kg/month

8 Monthly records of biomedical waste generation(category wise)

9 No. of trainings conducted on Bio-medical Waste management in the current year

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 I/C-Central Laboratory  
 LGBRIMH, Tezpur